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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: James Parker

For: INTEGRATED LIGHTNING DETECTOR

Serial No.: 10/600,369

Filed: June 26, 2003

Art Unit: 2632

Our Reference: WH-11 827US 133 Richmond Street West
Toronto, Ontario M5H 2L7

BY FEDERAL EXPRESS

Commissioner of Patents and Trademarks
Washington, D.C. 20231

August 9, 2004

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

It is requested that the references listed on the attached Information Disclosure Statement Form 1449A/PTO be considered by the Patent Examiner in connection with the above identified application and be made of record therein.

United States Patent 5,920,259 Shpater discloses a method of protecting an intrusion detection system against false alarms caused by certain radio frequency or electromagnetic impulse signals. This is accomplished by providing in motion detectors a dummy channel 14 designed to receive this undesired RF or EM signal. This signal is then subtracted from the normal channel whereby the effect of the undesired RF or EM signal is avoided.

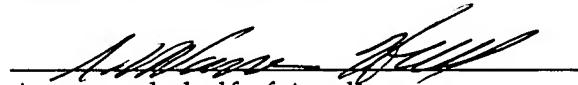
United States Patent 5,977,762 discloses a lightning detector used for the protection of electronic equipment in a home. The detector receives an EM signal through an antenna and applies signal conditioning to produce a series of pulses corresponding to peaks in the signal above a specified threshold. Pulse data is compared to predetermined criteria that distinguishes lightning created noise from other electrical noise. Once recognized, a shut down signal can be sent to the appropriate equipment.

United States Patent 5,959,815 discloses a method of protecting a computer system from an approaching lightning storm by using a modem or sound card to pick up the electromagnetic signals. The modem or sound card acts as an antenna and a digital signal processor in the modem or sound card circuitry processes the signal to detect pulses caused by lightning. The system can either alert the user or perform a shutdown of the system.

United States Patent 5,291,208 discloses an arrangement for protecting an electronic device from damage due to high voltage levels caused by lightning. The device includes a detector and means for switching any number of electrical devices into a ground state for a predetermined duration. With this arrangement, the method and apparatus protects an electrical device from a potential of damaging voltage levels while also allowing the device to be reactivated (column 1, lines 57 to 61). The method and apparatus are primarily designed for protecting an electrical device from potentially damaging electrical field levels as stated in the preamble of claim 1.

Copies of each reference are enclosed.

Respectfully submitted,


Agent on behalf of Applicant
S. Warren Hall
Registration No. 30,350
(416) 368-8313

WH/sdw
Encls.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

Approved for use through 10/31/2002. GMD 9051-003

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	
		Filing Date	June 26, 2003
		First Named Inventor	James Parker
		Art Unit	2632
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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